BERNARD C. KERSEY General Manager

JOSEPH F. STEJSKAL

JOHN A. PERRY, P.E.

PAUL E. HARMON

Director of

Director of Finance
MARJORIE A. HOVERLAND

Administrative Services JON K. TURNIPSEED

Safety Program Manager

Director: Engineering Construction-Maintenance

Director: Water Reclamation

CITY OF SAN BERNARJINO MUNICIPAL WATER DEPARTMENT

BOARD OF WATER COMMISSIONERS

President HAROLD W. WILLIS

Commissioners
B. WARREN COCKE
ALTON L. GARRETT, JR.
JUDY L. REDEKER
JAMES H. URATA

March 4, 1997



MAR - 5 1997

CITY OF SAN BERNARDINO MUNICIPAL WATER DEPT.

Reference:

Fontana, CA

CHANGE ORDER NO. 1 TO CONTRACT NO. 1267

Dear Mr. Trautwein:

Mr. Mark Trautwein Trautwein Construction 14046 Santa Ana Avenue

92337

Enclosed please find one fully executed copy of Change Order No. 1 to Contract No. 1267.

Sincerely,

Paul E. Harmon

Director of Finance

als

Enclosures

cc:

Joe Stejskal Paul Harmon Tom Valdez James Dye Roy Herzig

Dwayne Deutscher

CONTRACT NO. 1267 CHANGE ORDER NO. 1

DATE:

March 4, 1997

OWNER:

City of San Bernardino Municipal Water Department

CONTRACTOR:

Trautwein Construction

PROJECT:

Furnish all labor, equipment, and materials required for a raw water transmission pipeline consisting of 12" C900 and 12", 16", and 24" ductile iron pipe, and associated appurtenances for the Newmark Drinking Water

Restoration Superfund Project, San Bernardino, California

You are hereby requested to make the following described changes and/or additions to the project Plans and Specifications.

Item No.	Description of Changes and/or Additions	Decrease in Contract Price (Change in Contract Time)	Increase in Contract Price (Change in Contract Time)
1	Install 900 LF of 16" DIP (instead of 12" DIP) and fittings on 11th Street between Extraction Wells #1 and #2 per the plans and specifications.	\$ 0.00 (0 Days)	\$ 6,300.00 (2 Days)
	TOTAL:		\$ 6,300.00 (2 Days)
_	Contract Amount:		\$ 574,674.70
	ge By Previous Change Orders:		\$ 0.00 \$ 574,674.70
	Amount Prior to This Change Order: ase Due To This Change Order:		\$ 6,300.00
	ract Amount, Including This Change Order:		\$ 580,974.70
	ge in Contract Price:		\$ 6,300.00

The additional work contained with this Change Order can be performed incidental to the prime work and any Change Order work issued to date and is able to be completed concurrently with remaining work to be performed under the items of the Contract, without interference or delay to the Contractor. The work required by the Change Order can be completed within the time allotted for the original Contract plus the extensions to the Contract time made by this and any previously issued Change Orders.

The amounts indicated above shall be compensation in full for the work described including all direct and indirect, incidental or consequential costs or expenses, including but not limited to, extended overhead and other impact costs, that have been or will be incurred by the Contractor.

The total Contract performance time is increased by two (2) Calendar Days. The new Contract completion date will be May 24, 1997.

ACCEPTED BY: Man Jeanlivers DATE: 2/24/97
TRAUTWEIN CONSTRUCTION
RECOMMENDED BY: Jowes Dre DATE: 2/24/97
REPRESENTATIVE
CITY OF SAN BERNARDINO MUNICIPAL WATER DEPARTMENT
APPROVED BY: Servard Ckers y DATE: 3-4-97
GENERAL MANAGER
CITY OF SAN BERNARDINO MUNICIPAL WATER DEPARTMENT
(or)
PRESIDENT, BOARD OF WATER COMMISSIONERS
CITY OF SAN BERNARDINO

CITY OF SAN BERNARDINO MUNICIPAL WATER DEPARTMENT

BOARD OF WATER COMMISSIONERS

President HAROLD W. WILLIS

Commissioners
B. WARREN COCKE
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February 27, 1997

General Manager

JOSEPH F. STEJSKAL
Director: Engineering
Construction-Maintenance
JOHN A. PERRY, P.E.
Director: Water Reclamation
PAUL E. HARMON
Director of Finance
MARJORIE A. HOVERLAND
Director of
Administrative Services
JON K. TURNIPSEED
Safety Program Manager

BERNARD C. KERSEY

Mr. Mark Trautwein Trautwein Construction 14046 Santa Ana Avenue Fontana, CA 92337

Dear Mr. Trautwein:

RE: SEWER LATERALS IN THE TRENCH IN MT. VIEW AVENUE

I met with the URS inspector and the site superintendent from Trautwein Construction at 8:00 a.m., Thursday, February 27, 1997, to observe the sewer lateral in conflict with the trench. The sewer lateral was laid at about a 30% slope and will require some additional excavation to remove.

Trautwein's field superintendent raised concerns with regard to additional concrete removal and delay of expensive equipment to repair laterals.

It is the opinion of the San Bernardino Municipal Water Department (SBMWD) that the offsetting of sewer laterals was discussed at length during the mandatory job walk, and that the sewer laterals fall within the relocation criteria stipulated in the original contract. The SBMWD is prepared to pay for the concrete removal necessary for the lateral repair as a part of the regular contract payment process.

It is the position of the SBMWD that any work associated with sewer lateral relocation is a part of the original contract.

Please contact me directly at (909) 384-5391 if you have any

Mr. Mark Trautwein Page 2 February 27, 1997

further comments on this issue.

Very truly yours,

J.G. Lye James Dye

Senior Engineer

JD:eg

cc: Bernard C. Kersey Joseph F. Stejskal

Paul Harmon Bill Bryden Mike Lowe

Lana Kennerly Tom Valdez

Dwayne Deutcher (URS Consultants, Inc.)

Roy Herzig (USEPA)

MESSAGE CONFIRMATION

SESSION NO. = 846

02/27/97 01:52 ID=SBMWD-ENGINEERING

DATE TIME S,R-TIME DISTANT STATION ID MODE PAGES RESULT

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DIVISION OF MEWANE CAST IRON PIPE COMPANY

OX 1219, PROVO, UTAH \$4601 TELL/HONE (AREA CODE 801) 373-6910





MEMORANDUM is an acknowledgment that a Bill of Lading has been issued and is not the Original Bill of Lading, hold a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

SHIPPERS

CONSIGNED TO AND DESTINATION:

ORIGIN CARRIER NAME ___

SHIPPER'S SIGNATURE

DATE

MAR 66 1997

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading, at PROVO, UT.

CHY OF SAN BERNARUIND MUNICIPAL WATER DEPT,

the property described below, in apparent good order except as noted (contents and condition of contents of packages unknown) marked, consigned and destined as indicated below, which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property that every service to be performed hereunder shall be subject to all terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Official, Southern, Western and Illinois Freight Classifications in effect on the date hereof, if this is a rail or rail-water shipment, or (2) in the applicable motor carrier classification or tarriff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading set forth in the lassification or tariff which governs the transportation of this shipment and the said terms and conditions are hereby

greed to by the shipper and accepted for himself and his assigns.

SOLD TO:

Subject to Section 7 of Conditions of applicable bill of lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:

The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

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PACIFIC STATES

CA RON PIPE COMPANY

P.O. BOX 1219, PROVO, UTAH \$4601 TELEPHONE (AREA CODE 801) 373-6910



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Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading set forth in the classification or tariff which governs the transportation of this shipment and the said terms and conditions are hereby agreed to by the shipper and account for himself and his assignment.

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SHIPPER'S SIGNATURE. ORIGIN CARRIER NAME

SHIPPER'S SIGNATURE

DATE

PACIFIC STATES

CA. IRON PIPE COMPANY

DIVISION OF McWANE CAST IRON PIPE COMPANY P.O. BOX 1219, PROVO, UTAH 84601 TELEPHONE (AREA CODE 801) 373-6910



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'RON PIPE COMPANY

- McWANE CAST IRON PIPE COMPANY

P.O. BOX 1219, PROVO, UTAH 84601 TELEPHONE (AREA CODE 801) 373-6910



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I acknowledge receipt of shipment in good order. * If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight."

Note - Where the rate is dependent on value. Shippers are required to state specifically in writhing the agreed or declared value of the property. ORIGIN CARRIER NAME __ 2-26-9 SHIPPER'S SIGNATURE SHIPPER'S SIGNATURE

PACIFIC STATES CA. RON PIPE COMPANY

DIVISION OF McWANE CAST IRON PIPE COMPANY P.O. BOX 1219, PROVO, UTAH 84501 TELEPHONE (AREA CODE 801) 373-5910



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SOLD TO:	•			CONSIGNED TO	O AND DES	STINATION:			
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SHIPPER'S SIGNATURE ORIGIN CARRIER NAME ___

SHIPPER'S SIGNATURE

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PACIFIC STATES

IRON PIPE COMPANY

DIVISION OF McWANE CAST IRON PIPE COMPANY P.O. BOX 1219, PROVO, UTAH 84601 TELEPHONE (AREA CODE 801) 373-6910



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CONSIGNED TO AND DESTINATION: CITY OF SAN BERNARDINO 23093 C/O TRAUTWEIN CONST MOUNTAIN VIEW & 11TH ST P.O. BOX 710 909-384-5192 TIM SAN BERNARDINO CA 92402 SAN BERNARDINO CA CONSIGNEE TO UNLOAD ALL MATERIALS VEHICLE NUMBER: F.O.B. SHIP-DATE: WEIGHT: PAGE: SMP 649 3-FOB FOUNDRY FRT PREPAID 2/26/97 35,514 NAL DESTINATION: SHIPPERS NO .: CUST. - P.O.: COMPUTER-ORDER-NUMBER: SAN BERNARDINO CA 23093 SPEC1276 000212 LINE ITEM DESCRIPTION QTY. 1D241050BJ 5. 24 DI PIPE TJ X PE CL 50 18 CL SC IN/SC OUT 9. G24R10 24 TJ GASKET 18 14. L1GLX GALLON PIPE LUBRICANT 1 *DUE: 3-1-97 7:00 AM *STRING PIPE *TRAUTWEIN CONST PHONE *909-829-8258 (CONSIGNEE, RESPONSIBILITY FOR DELAY CHANGES IN EXCESS OF 2 HR) DO NOT DROP ITEMS FROM TRUCK ★ If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight."

Note - Where the rate is dependent on value. Shippers are required to state specifically in writhing the agreed or declared value of the property.

I acknowledge receipt of shipment in good order.

ORIGIN CARRIER NAME

SHIPPER'S SIGNATURE

DATE -

PACIFIC STA

RON PIPE COMPANY

DIVISION OF MCWANE CAST IRON PIPE COMPANY P.O. BOX 1219, PROVO, UTAH 84601 TELEPHONE (AREA CODE 601) 373-6910



EMORANDUM is an acknowledgment that a Bill of Lading has been issued and is not the Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of the issue of this Bill of Lading, at PROVO, UT.

Subject to Section, 7 of Conditions of applicable bill of lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:

The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

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ORIGIN CARRIER NAME __

SHIPPER'S SIGNATURE

PACIFIC STATES IRON PIPE COMPANY

DIVID. ... OF MCWANE CAST IRON PIPE COMPANY

P.O. BOX 1219, PROVO, UTAH 84501 TELEPHONE (AREA CODE 801) 373-6910



MEMORANDUM is an acknowledgment that a Bill of Lading has been issued and is not the Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

SHIPPERS

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading, at PROVO, UT.

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PACIFIC STATES

IRON PIPE COMPANY

DIVISION OF MCWANE CAST IRON PIPE COMPANY P.O. BOX 1219, PROVO, UTAH 84601 TELEPHONE (AREA CODE 801) 373-6910



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sign the following statement:

The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

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SIGNATURE AND DATE	SHIPPER'S SIGNATURE DATE	SHIPPER'S SIGNATURE DATE

CITY OF SAN BERNARDINO MUNICIPAL WATER DEPARTMENT INTEROFFICE MEMORANDUM

ENCINEEDING D

FER 2 > 1997

CITY OF SAN BERNANDING MUNICIPAL WATER DEPT

TO:

Bernard C. Kersey, General Manager

FROM:

Paul E. Harmon, Director of Finance

SUBJECT:

CHANGE ORDER NO. 1 - SPECIFICATION NO. 1267 - TRAUTWEIN

CONSTRUCTION

DATE:

February 20, 1997

COPIES:

Joe Stejskal, Director of Engineering, Construction and

Maintenance; James Dye, Senior Engineer; Tom Valdez,

Purchasing Agent; Legal File

BACKGROUND:

On January 9, 1997, the Board awarded the contract for Specification 1267 to Trautwein Construction to furnish all labor, equipment, and material required for a raw water transmission pipeline consisting of 12" C900 and 12", 16", and 24" ductile iron pipe, and associated appurtenances for the Newmark Drinking Water Restoration Superfund Project. Charges for this project are recorded on Construction Order No. 5273.

During the course of construction, URS Consultants, Inc., in cooperation with the USEPA, requested a change in the Phase I South Plant Pipeline. The plans were changed for the 900 feet section on 11th Street between extraction wells no. 1 and no. 2, to install 16" Ductile Iron Pipe (DIP) and fittings, instead of 12" DIP and fittings. The increase in pipe size is based on the current groundwater model studies that incorporate the effects of the operation of the Muscoy wells and requires higher pumping rates from the Newmark well field. The total cost of the change order is \$6,300.00, or \$7.00 per foot. This change order adds two days to the contract time of 120 days, adjusting the contract completion date to May 24, 1997.

The project manager, James Dye, Senior Engineer, has reviewed and approved the changes. The total cost of the contract will increase from \$574,674.70 to \$580,974.70, and will increase the construction contract period from 120 days to 122 days. The cost increase reflects a 1.09% increase in the cost of the contract.

SUBJECT: CHANGE ORDER NO.1 - SPECIFICATION NO.1 1267 - TRAUTWEIN

CONSTRUCTION

February 20, 1997

Page 2

RECOMMENDATION:

Staff recommends approval of Change Order No. 1, to install 16" DIP and fittings instead of 12" DIP and fittings for the 900 feet of 11th Street between EPA extraction wells no. 1 and no. 2, for the amount of \$6,300.00 and to add two additional days to the contract period. Should the Board concur, the appropriate action would be:

a motion to approve Change Order No. 1, to install 16" Ductile Iron Pipe and fittings instead of 12" DIP pipe and fittings, for the 900 foot section of 11th Street between Extraction Wells No. 1 and No. 2 per the plans and specifications, in the amount of \$6,300.00, and adding two (2) additional days to the contract, changing the contract completion date to May 24, 1997.

Respectfully submitted,

Paul E. Harmon

Director of Finance

CITY OF SAN BERNARDINO MUNICIPAL WATER DEPARTMENT INTEROFFICE MEMORANDUM

TO:

Paul Harmon

FROM:

James Dye

SUBJECT:

CHANGE ORDER NO. 1 TO CONTRACT NO. 1267 AWARDED TO TRAUTWEIN CONSTRUCTION FOR UPGRADING 900' OF 12" DUCTILE IRON PIPE AS REQUESTED BY URS

CONSULTANTS, INC.

DATE:

February 20, 1997

COPIES:

Bernard C. Kersey (w/attach), Joseph F. Stejskal (w/attach), Weill Bryden (w/attach), Mike Lowe (w/attach), Tom Valdez (w/attach), Lana Kennerly (w/attach)

BACKGROUND:

URS Consultants, Inc., in cooperation with the USEPA, requested a change order to Contract No. 1267 (Phase I - South Plant Pipeline) as described in the attached letter from URS Consultants, Inc. dated February 10, 1997

The attached letter dated February 12, 1997 from Trautwein Construction, the contractor, provided me with a price to make the necessary changes in the field.

CHANGE ORDER REQUEST:

The change order request from Trautwein Construction has been summarized as follows:

CONTRACT CHANGE ORDER NO. 1

DATE:

February 20, 1997

OWNER: SBMWD

PROJECT:

NEWMARK GROUNDWATER
SUPERFUND, NEWMARK
OU, C.O. 5273,
SPECIFICATION NO.
1267 - PHASE I SOUTH PLANT PIPELINE

CONTRACTOR: TRAUTWEIN

CONSTRUCTION

ENGINEER: SBMWD

The following changes in the contract amount and construction time impact the San Bernardino Municipal Water Department's well drilling contract with Trautwein Construction (Specification No.

Paul Harmon

Page 2

February 20, 1997

RE: CHANGE ORDER NO. 1 TO CONTRACT NO. 1267 AWARDED TO TRAUTWEIN CONSTRUCTION FOR UPGRADING 900' OF 12" DUCTILE IRON PIPE TO 16" DUCTILE IRON PIPE AS REQUESTED BY URS CONSULTANTS, INC.

1267):

ITEM NO.	DESCRIPTION OF CHANGES AND/OR ADDITIONS	DECREASE IN CONTRACT PRICE/(DAYS)	INCREASE IN CONTRACT PRICE/(DAYS)
1	Increase in pipe size from 12" ductile iron to 16" ductile iron from EPA Well No. 1 to EPA Well No. 2 to allow future movement of water west to 19th Street at the request of URS Consultants, Inc.	\$ 0.00 (0 Days)	\$ 6,300.00 (2 Days)

I have reviewed this change order request and discussed the issues with Roy Herzig of USEPA. The changes are necessary in order for the pipeline to effectively meet the operational criteria established for us by the USEPA.

James Dye/

genior Engineer

JD:eg Attach.

URS
A PROFESSIONAL SERVICES ORGANIZATION

URS CONSULTANTS

2710 GATEWAY OAKS DRIVE, SUITE 250 NORTH SACRAMENTO, CALIFORNIA 95833

TEL: (916) 929-2346 FAX: (916) 929-7263

February 10, 1997

300 N. D Street

Mr. James G. Dye, P.E.

Municipal Water Department

San Bernardino, California 92418

City of San Bernardino

DEGELVE DENGINEERING

FEB 1 3 1997

CITY OF SAN BERNARDINO MUNICIPAL WATER DEPT.

OFFICES
SAN FRANCISCO
SEATTLE
DENVER
COLORADO SPRINGS
SACRAMENTO
PORTLAND
ANCHORAGE
SAN BERNARDINO
LONG BEACH
PHOENIX
LAS VEGAS
NORTH HAVEN

NEW YORK CLEVELAND COLUMBUS PARAMUS AKRON BUFFALO NEW ORLEANS ATLANTA BOSTON VIRGINIA BEACH WASHINGTON, D.C. TALLAHASSEE

62370.11.41.0120 04.c

Subject:

Contract No. 68-W9-0054 / WA No. 54-37-9NJ5

Newmark Groundwater Contamination Superfund Site

Newmark Operable Unit Remedial Design Pipeline Diameter Change - 11th Street

Dear Mr. Dye:

This letter is to confirm the agreement of the January 30, 1997 meeting that the 12-inch diameter pipeline segment between EPA Well Numbers 1 and 2 should be increased to 16-inch diameter. This is based on the current groundwater model studies that incorporate the effects of the operation of the Muscoy wells and requires higher pumping rates from the Newmark Well Field.

If you have any questions or require additional information, please do not hesitate to contact me at (916) 929-2346.

Sincerely,

URS CONSULTANTS, INC.

Dwayne Deutscher, P.E.

Site Manager

cc: R. Herzig, EPA (SFD-7-4)

D. Bane, URS Sac.

(62370-F/L021097.dd)

TRAUTWEIN CONSTRUCTION

General Engineering Contractor 605199A

CC: JOE STEJSKAL
PAUL HARMON
MIKE LOWE
TOM VALDEZ
TOM ALCAREZ
02/13/97

February 12, 1997

James Dye

City of San Bernardino Municipal Water Department 195 N. "D" Street San Bernardino, CA 92401

RE: Newmark Water Transmission Main

Dear Mr. Dye,

Per your request please see below our price to install your 16" DIP and fittings per the plans and specifications instead of 12" DIP (approx. 900 LF). This change is on 11th Street in between Extraction Wells # 1 & 2.

900 LF X \$7.00 = \$6,300.00

This change adds zdays to the contract time of 120 day's the (MT)

Sincerely,

Mark Trautwein

CONTRACT NO. 1267 CHANGE ORDER NO. 1

DATE:

March 4, 1997

OWNER:

City of San Bernardino Municipal Water Department

CONTRACTOR:

Trautwein Construction

PROJECT:

Furnish all labor, equipment, and materials required for a raw water transmission pipeline consisting of 12" C900 and 12", 16", and 24" ductile iron pipe, and associated appurtenances for the Newmark Drinking Water

Restoration Superfund Project, San Bernardino, California

You are hereby requested to make the following described changes and/or additions to the project Plans and Specifications.

Item No.	Description of Changes and/or Additions	Decrease in Contract Price (Change in Contract Time)	Increase in Contract Price (Change in Contract Time)	
1	Install 900 LF of 16" DIP (instead of 12" DIP) and fittings on 11th Street between Extraction Wells #1 and #2 per the plans and specifications.	\$ 0.00 (0 Days)	\$ 6,300.00 (2 Days)	
	TOTAL:		\$ 6,300.00 (2 Days)	
Net Chan Contract Net Incre Net Contr	Contract Amount: ge By Previous Change Orders: Amount Prior to This Change Order: ase Due To This Change Order: ract Amount, Including This Change Order: ge in Contract Price:		\$ 574,674.70 \$ 0.00 \$ 574,674.70 \$ 6,300.00 \$ 580,974.70 \$ 6,300.00	

The additional work contained with this Change Order can be performed incidental to the prime work and any Change Order work issued to date and is able to be completed concurrently with remaining work to be performed under the items of the Contract, without interference or delay to the Contractor. The work required by the Change Order can be completed within the time allotted for the original Contract plus the extensions to the Contract time made by this and any previously issued Change Orders.

The amounts indicated above shall be compensation in full for the work described including all direct and indirect, incidental or consequential costs or expenses, including but not limited to, extended overhead and other impact costs, that have been or will be incurred by the Contractor.

The total Contract performance time is increased by two (2) Calendar Days. The new Contract completion date will be May 24, 1997.

ACCEPTED BY: Mark Hours	Wels DATE: 2./2.4/97
TRAUTWEIN CONSTRUCTION	
RECOMMENDED BY: JOWES J	Je DATE: 2/24/97
REPRESENTATIVE //	•
CITY OF SAN BERNARDINO MUNICI	PAL WATER DEPARTMENT
, P.I.	DATE.
APPROVED BY:	DATE:
GENERAL MANAGER	
GENERAL MANAGER CITY OF SAN BERNARDINO MUNIC (or)	IPAL WATER DEPARTMENT
GENERAL MANAGER	IPAL WATER DEPARTMENT

CITY OF SAN BERNARDINO MUNICIPAL WATER DEPARTMENT INTEROFFICE MEMORANDUM

TO:

Paul Harmon

FROM:

James Dye

SUBJECT:

CHANGE ORDER NO. 1 TO CONTRACT NO. 1267 AWARDED TO TRAUTWEIN CONSTRUCTION FOR UPGRADING 900' OF 12" DUCTILE IRON PIPE TO 16" DUCTILE IRON PIPE AS REQUESTED BY URS CONSULTANTS, INC.

DATE:

February 20, 1997

COPIES:

Joseph Bernard C. Kersey (w/attach), (w/attach), Will Bryden (w/attach), Mike Lowe Tom Valdez (w/attach), Lana Kennerly (w/attach),

BACKGROUND:

URS Consultants, Inc., in cooperation with the USEPA, requested a change order to Contract No. 1267 (Phase I - South Plant Pipeline) as described in the attached letter from URS Consultants, Inc. dated February 10, 1997

The attached letter dated February 12, 1997 from Trautwein Construction, the contractor, provided me with a price to make the necessary changes in the field.

CHANGE ORDER REQUEST:

The change order request from Trautwein Construction has been summarized as follows:

CONTRACT CHANGE ORDER NO. 1

DATE:

February 20, 1997

OWNER: SBMWD

PROJECT:

NEWMARK GROUNDWATER SUPERFUND, NEWMARK c.o. 5273, SPECIFICATION 1267 - PHASE I

SOUTH PLANT PIPELINE

CONTRACTOR: TRAUTWEIN

CONSTRUCTION

ENGINEER: SBMWD

The following changes in the contract amount and construction time impact the San Bernardino Municipal Water Department's well drilling contract with Trautwein Construction (Specification No. Paul Harmon Page 2

February 20, 1997

RE: CHANGE ORDER NO. 1 TO CONTRACT NO. 1267 AWARDED TO TRAUTWEIN CONSTRUCTION FOR UPGRADING 900' OF 12" DUCTILE IRON PIPE TO 16" DUCTILE IRON PIPE AS REQUESTED BY URS CONSULTANTS, INC.

1267):

ITEM NO.	DESCRIPTION OF CHANGES AND/OR ADDITIONS	DECREASE IN CONTRACT PRICE/(DAYS)	INCREASE IN CONTRACT PRICE/(DAYS)
1	Increase in pipe size from 12" ductile iron to 16" ductile iron from EPA Well No. 1 to EPA Well No. 2 to allow future movement of water west to 19th Street at the request of URS Consultants, Inc.	\$ 0.00 (0 Days)	\$ 6,300.00 (2 Days)

I have reviewed this change order request and discussed the issues with Roy Herzig of USEPA. The changes are necessary in order for the pipeline to effectively meet the operational criteria established for us by the USEPA.

James Dye

genior Engineer

JD:eg Attach.

URS
A PROFESSIONAL SERVICES ORGANIZATION

URS CONSULTANTS

2710 GATEWAY OAKS DRIVE, SUITE 250 NORTH SACRAMENTO, CALIFORNIA 95833

TEL: (916) 929-2346 FAX: (916) 929-7263

February 10, 1997

DEGETVE DENGINEERING

FEB 1 3 1997

Mr. James G. Dye, P.E. City of San Bernardino Municipal Water Department 300 N. D Street San Bernardino, California 92418

CITY OF SAN BERNARDINO MUNICIPAL WATER DEPT.

OFFICES
SAN FRANCISCO
SEATTLE
DENVER
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ANCHORAGE
SAN BERNARDINO
LONG BEACH
PHOENIX
LAS VEGAS
NORTH HAVEN

NEW YORK CLEVELAND COLUMBUS PARAMUS AKRON BUFFALO NEW ORLEANS ATLANTA BOSTON VIRGINIA BEACH WASHINGTON, D C TALLAHASSEE

62370.11.41.0120 04.c

Subject:

Contract No. 68-W9-0054 / WA No. 54-37-9NJ5

Newmark Groundwater Contamination Superfund Site

Newmark Operable Unit Remedial Design Pipeline Diameter Change - 11th Street

Dear Mr. Dye:

This letter is to confirm the agreement of the January 30, 1997 meeting that the 12-inch diameter pipeline segment between EPA Well Numbers 1 and 2 should be increased to 16-inch diameter. This is based on the current groundwater model studies that incorporate the effects of the operation of the Muscoy wells and requires higher pumping rates from the Newmark Well Field.

If you have any questions or require additional information, please do not hesitate to contact me at (916) 929-2346.

Sincerely,

URS CONSULTANTS, INC.

Dwayne Deutscher, P.E.

Site Manager

cc:

R. Herzig, EPA (SFD-7-4)

D. Bane, URS Sac.

(62370-F/L021097.dd)

TRAUTWEIN CONSTRUCTION

General Engineering Contractor 605199A

CC: JOE STEJSKAL
PAUL HARMON
MIKE LOWE
TOM VALDEZ
TOM ALCAREZ
02/13/97

February 12, 1997

James Dye

City of San Bernardino Municipal Water Department 195 N. "D" Street San Bernardino, CA 92401

RE: Newmark Water Transmission Main

Dear Mr. Dye,

Per your request please see below our price to install your 16" DIP and fittings per the plans and specifications instead of 12" DIP (approx. 900 LF). This change is on 11th Street in between Extraction Wells # 1 & 2.

900 LF X \$7.00 = \$6,300.00

This change alds zdays to the contract time of 170 day's

Sincerely,

Mark Trautwein

EDC W.O. 95-110.....CONTRACT NO. SC-95-A-0231.....NEWMARK RD....10/20/95

......SURVEY OF SOUTH PLANT EXTENSION......

HORIZONTAL AND VERTICAL CONTROL FOR AERIAL SURVEY (X,Y,Z AND VERTICAL ONLY)

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es de la companya de la companya de la companya de la companya de la companya de la companya de la companya de	20	2009.040	1202.102	
LIST POINTS				1000 OHO CM CHODE
	90	624.606	2297.812	1092.070 CN-STODE 1091.710 SW11TH&E
	91	612.835	2638.231 2978.730	1091.710 SWITTHEE
	92 93	613.427 613.953	3319.190	1087.970 SMH-ARHI
	93	013.933	3323.220	
LIST POINTS	,			
HIST TOTAL	★ 95	615.563	4001.618	1088.390 SW11&M
	96	616.394	4685.428	1085.620 IP11SRW 1084.460 IP11LUG
	97	616.897	5078.827	1084.460 IP11LUG(1084.150 IPSPLVD)
	98	617.529	5464.747	1004.130 1131100
T TOTH DO INTE				
LIST POINTS	100	618.254	5824.626	1083.200 SMHNWAL
	101	949.621	4683.968	1089.160 MHORGSW
	102	282.235	4686.401	1081.290 MHOLVSW 1077.270 10THSW
	103	50.423-	4687.621	1077.270 10THSW 1073.740 TEMPLSW
	104	389.282-	4688.370	1070.660 MH9THSW
	105	728.061-	4688.984	1070.000 11151110
LIST POINTS	107	949.512	4000.774	1092.480 SMHORGM
LIST POINTS	110	99.990	99.990	1084.480 V-OPP10
	110 111	99.990	99.990	1086.790 V-OPP#9
	112	99.990	99.990	1087.840 BET91&9
	113	99.990	99.990	1095.070 V-OPP#9
	114	99.990	99.990	1070.450 V-OPP1C
	**-4	22.22		

MESSAGE CONFIRMATION

SESSION NO. = 786

02/17/97 00:58 ID=SBMWD-ENGINEERING

DATE TIME S,R-TIME DISTANT STATION ID MODE PAGES RESULT
02/17 00:57 01'19" 9098890153 G3 -S 02 0K 0000

TRAUTWEIN CONSTRUCTION

General Engineering Contractor 605199A

CC: JOE STEJSKAL
PAUL HARMON
MIKE LOWE
TOM VALDEZ
TOM ALCAREZ
02/13/97

February 12, 1997

James Dye

City of San Bernardino Municipal Water Department 195 N. "D" Street San Bernardino, CA 92401

RE: Newmark Water Transmission Main

Dear Mr. Dye,

Per your request please see below our price to install your 16" DIP and fittings per the plans and specifications instead of 12" DIP (approx. 900 LF). This change is on 11th Street in between Extraction Wells # 1 & 2.

900 LF X \$7.00 = \$6,300.00

This change adds 2 days to the contact time of 120 day's the (MT)

Sincerely,

Mark Trautwein

URS
A PROFESSIONAL SERVICES ORGANIZATI

URS CONSULTANTS

2710 GATEWAY OAKS DRIVE, SUITE 250 NORTH SACRAMENTO, CALIFORNIA 95833

TEL: (916) 929-2346 FAX: (916) 929-7263

February 10, 1997

DEGEIVE M ENGINEERING

FEB 1 3 1997

Mr. James G. Dye, P.E. City of San Bernardino Municipal Water Department 300 N. D Street San Bernardino, California 92418

CITY OF SAN BERNARDINO MUNICIPAL WATER DEPT.

OFFICES
SAN FRANCISCO
SEATTLE
DENVER
COLORADO SPPINGS
SACRAMENTO
PORTLAND
ANCHORAGE
SAN BERNARDING
LONG BEACH
PHOENIX
LAS VEGAS
NORTH HAVEN

CLEVELAND COLUMBUS PARAMUS AKRON BUFFALO NEW ORLEANS ATLANTA BOSTON VIRGINIA BEACH WASHINGTON, D TALLAHASSEE

NEW YORK

62370.11.41.0120 04.c

Subject:

Contract No. 68-W9-0054 / WA No. 54-37-9NJ5

Newmark Groundwater Contamination Superfund Site

Newmark Operable Unit Remedial Design Pipeline Diameter Change - 11th Street

Dear Mr. Dye:

This letter is to confirm the agreement of the January 30, 1997 meeting that the 12-inch diameter pipeline segment between EPA Well Numbers 1 and 2 should be increased to 16-inch diameter. This is based on the current groundwater model studies that incorporate the effects of the operation of the Muscoy wells and requires higher pumping rates from the Newmark Well Field.

If you have any questions or require additional information, please do not hesitate to contact me at (916) 929-2346.

Sincerely,

URS CONSULTANTS, INC.

Dwayne Deutscher, P.E.

Site Manager

cc:

R. Herzig, EPA (SFD-7-4)

D. Bane, URS Sac.

(62370-F/L021097.dd)

2615

Travtwein Construction
14046 Santa ana ana.

WATER DEPARTMENT CITY OF SAN BERNARDINO P. O. BOX 710 • SAN BERNARDINO, CALIF.

Report No. 110339

Intera, CA 92557

FORCE ACCOUNT REPORT

(989) 829-8258		1 20	00
C O No.	Dat	<u>. 1-29</u>	19 47
Owner City Water Department	Ag	reement No	

Contractor (Sub)

Description of Work 11th & Sepulveda - Repair 6" cast from main damaged by Contractor on 1/29/197.

LABOR

* · ·							
EMPLOYEE'S NAME	RATE	HRS.	EXTENSION	MATERIALS	RATE	QTY	EXTENSION
D. Hermandez	161607	6'2	105.04	6" MJ Sleeves	39.56	a	79.12
B. Rerhino	196803	[6" Mega dug Kito	23.02	4	92.08
a. Sanchez	16.1607	4	6464	6" DIP	5.64	2'	39.48
M. Upohalu	224301	4	5972 38739				21068
				·			
297.67 + 34.61 rolli	Sugar	Chy	40269		<u> </u>		
8872 + 29.12%	-		115285				1,7 11
J87.39			516.54				
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	L	<u> </u>	·	1	1		

EQUIPMENT

NUMBER	DESCRIPTION OF EQUIPMENT	RATE	HRS.	EXTENSION
308		15.77	64	10251
382		1771	1/2	2657
				129.08
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1	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	<u> </u>	Ь	

REMARKS

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11 (772) 211 1 2774	
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Plus 5,37 % HH + Supon. 2774 Materialy 210,68 Equap Rentel 129.08	
Enus Rentel 129.08	

ENGINEERING (WHITE)
PAYROLL (YELLOW)

JERNA DINO MUNICIPAL WATER DEPATMENT

P.C. JOX 710 • SAN BERNARDINO, CA 92402

PURCHASE REQUISITION

CO	NSTRUCTION	ORDER NO		
NEV OLD	V MATERIAL II	FOR: REPLACEMENT REPAIR NEW	·	
CON	APANY COI	NTACTED SERIAL NO PROPERTY	TAG NO:	
		TEDPHONE (FREIGHT		
Onu	ER DATE	LIST ACCOUNT NO. BY LINE FREIGHT		
NE O	QUANTITY	05000		
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JIS	ITION NO	. 23705. OFFICE USE ONLY	$=$ \pm	



WATER DEPARTMENT CITY OF SAN BERNARDINO

P.O. BOX 710 SAN BERNARDINO, CA 92402 TELEPHONE (714) 384-5192

	PURCHASE ORDE
HANGE NOTICE INFO	975626
	VENDOR NO.
	2175
	ORDER DA
PAGE 1	12_17

DELIVERY LOCATION VENDOR

WATER DEPARTMENT YARDS 195 MORTH "O" STREET SAN BERNARDING CA 92401 ROQUET PAVING CO.
P.G. BOX 887
COLTON CA 92324

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E	BID NO.	REQ.	NO. WORK ORD	D. NO.	REQUESTED BY		TERMS	F.O.	B. INFORMATION
		23705	5		DYE	+000%	O NET U	DES	TINATION
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ITEM	QUANTIT	Y U/M	PART NUMBER		DESCR	PTION	UN	IT COST	EXTENDED AMOU
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							CITY OF SAN BE	RNARDINO	
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FILE COPY

CITY OF SAN BERNARDINO MUNICIPAL WATER DEPARTMENT INTEROFFICE MEMORANDUM

TO:

Paul Harmon

FROM:

James Dye

SUBJECT:

EXCEPTIONS TO BID SPECIFICATION NO. (NEWMARK

GROUNDWATER RESTORATION SUPERFUND PROJECT - SOUTH PLANT

PIPELINE - PHASE I)

DATE:

November 25, 1996

COPIES:

Joseph F. Stejskal (w/attach), Bill Bryden (w/attach),

Mike Lowe (w/attach)

The exceptions taken on the attached Familian Waterworks letter submitted with the bid package are acceptable to Engineering with the following clarifications:

<u>Under Pipe Fittings</u> - Use 16" X 12" reducer MJ X PE, large end bell concentric DI - for the unit price of \$366.00 each.

James Dye

Semior Engineer

JD:ea Attach.

Familian #WATERWORKS

Mr. Thomas A. Valdez
Purchasing Agent
City of San Bernardino
Municipal Water Dept.
195-N "D" Street
San Bernardino, CA 92402

Re: Bid Specification Number 1277

Dear Mr. Valdez,

Subsequent to review of the above specification it became clear that on page four (4) of the <u>Information for Bidders</u> that in Section C Paragraph 3 of the proposal, "<u>No modified proposals will be considered</u>".

Therefore we are leaving blank pricing for those products that are commercially unavailable from domestic manufacturers. However, to facilitate the construction needs of this project, we are furnishing herein, pricing for alternative materials that may solve the problems incurred form the unavailability of product requested.

These items and prices are as follows:

Under Butterfly valves

4" MJ x Flg

Not commercially available

Substitute

4" FL x Flg Epoxy Coat + 4" MJ x Flg Adapter less accessories + 4" NW bolt and gasket kit for the unit price of \$249.00 each

Under Pipe fittings

16" x 12" reducer MJ x PE, large end bell eccentric PI - not commercially available.

Substitute one of the following.

16" x 12" reducer MJ x PE, large end bell <u>concentric</u> DI - for the unit price of \$366.00 each.

Or

16" x 12" reducer MJ x Flg concentric DI C110 +12" x 6" Flg x PE spool (beveled) +12" NBG set for the unit price of \$524.00 ea.

Or

16" x 12" reducer Flg x Flg, eccentric with 16" MJ x Flg adapter + 12" x 6" Flg x PE spool w/ 16" and 12" NBG set, for the unit price of \$600.00 each

Also for your information their is no AWWA Standard in C153 or C110 for blind flanges. In that regard the dimensions and pressure ratings are different from each manufacturer. However steel plate blind flanges are designed based upon the ASME Boiler and Pressure Vessel Code, Sec. VIII, Div. !. The diameter and thickness of these are listed in AWWA C-207-94 page 14.

We have based our pricing on Tyler Pipe manufacturing standards for blind flanges.

Finally our <u>quotation</u> for the material submitted, is based upon receiving an order for <u>all</u> the materials listed.

If you have any further questions please call.

Very Truly Yours,

Mach 7 Strono Mark Strona PLAN OF 8

San Bernardino Municipal Water Department

co#: <u>5273</u>		Job Title: OFF-SET EXISTING WATERMANS-EPA SOUTH FLANT PIPELINE Date: 11-22-96 Page: / of 4		
Contact:	teve	Expected Date Materials Needed By: ASAP	Fees Paid Order Materials Information Only	
Quantity	Size	Description	Configuration	
Z	6	FLANGED COUPLING ADATTOR (OD MAIN)		
2	6"	MS XFLG ADAPTOR		
Z5'	6"	D. 1. P.		
@10	6"	MEGA-LUGS		
4	6"	45° D. I. BEND (MS)		
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PLAM 8

San Bernardino Municipal Water Department

co#: <u>5273</u>		DIANT PIPELINE		
		Job Title: OFF-SET EXISTING WATERMANS-EPA South PLANT PIPELINE Date: 11-22-96 Page: Z		
Contact:	iteve	Expected Date Materials Needed By: ASAP	Fees Paid Order Materials Information Only	
Quantity	Size	Description	Configuration	
Z	6"	FLANGED COUPLING ADAPTOR (" OD MAIN)		
Z	6"	MJXFLG ADAPTOR		
Z Z 25'	6"	D.1.P.		
	6"	MEGA-LUGS		
10	6"	45° D.1. BOND (MS)		
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PLAN # 8

San Bernardino Municipal Water Department

1			PIPAINE
co#: <u>5273</u>		Job Title: OFF-SET EXISTING WATERMAINS-EPA SOUTH PL	Date: 11-22-96 Page: 3 of 4
Contact: STEVE			Fees Paid Order Materials Information Only
Quantity	Size	Description	Configuration
Z	4"	FLANGED COUPLING ADAPTUR (" OD MAIN)	
Z Z Z5' 10 4	4 "	MJ XFCG ADAPTOR	
Z5'	4"	D.1.P.	
10	4"	MEGA LUGS	
4	4"	450 D.1. BEND (MJ)	
			•

PLAN # 8

San Bernardino Municipal Water Department

Contact: STEVE Expected Date Materials Needed By: ASAP Fees Paid Order Materials Information Only Quantity Size Description Configuration BY STO. STEEL PIPE 4 1/2" STEEL BOND 45° WELD	co#: <u>5273</u>	Job Title: OFF-SET EXISTING WATERMANS-EPA SOUTH PL	ANT PIPELINE Date: 11-22-96 Page: 4 of 4
30 12" STO. STEEL PIPE 4 12" STEEL BOND 45° WELD	Contact: STEVE		
30 12" STEEL BEND 45° WELD		Description	Configuration
30 12" STEEL BEND 45° WELD			·
4 12" Steel Bento 45° Wald		STD. STEEL PIPE	
	4 12"	STEEL BEND 45° WELD	
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